

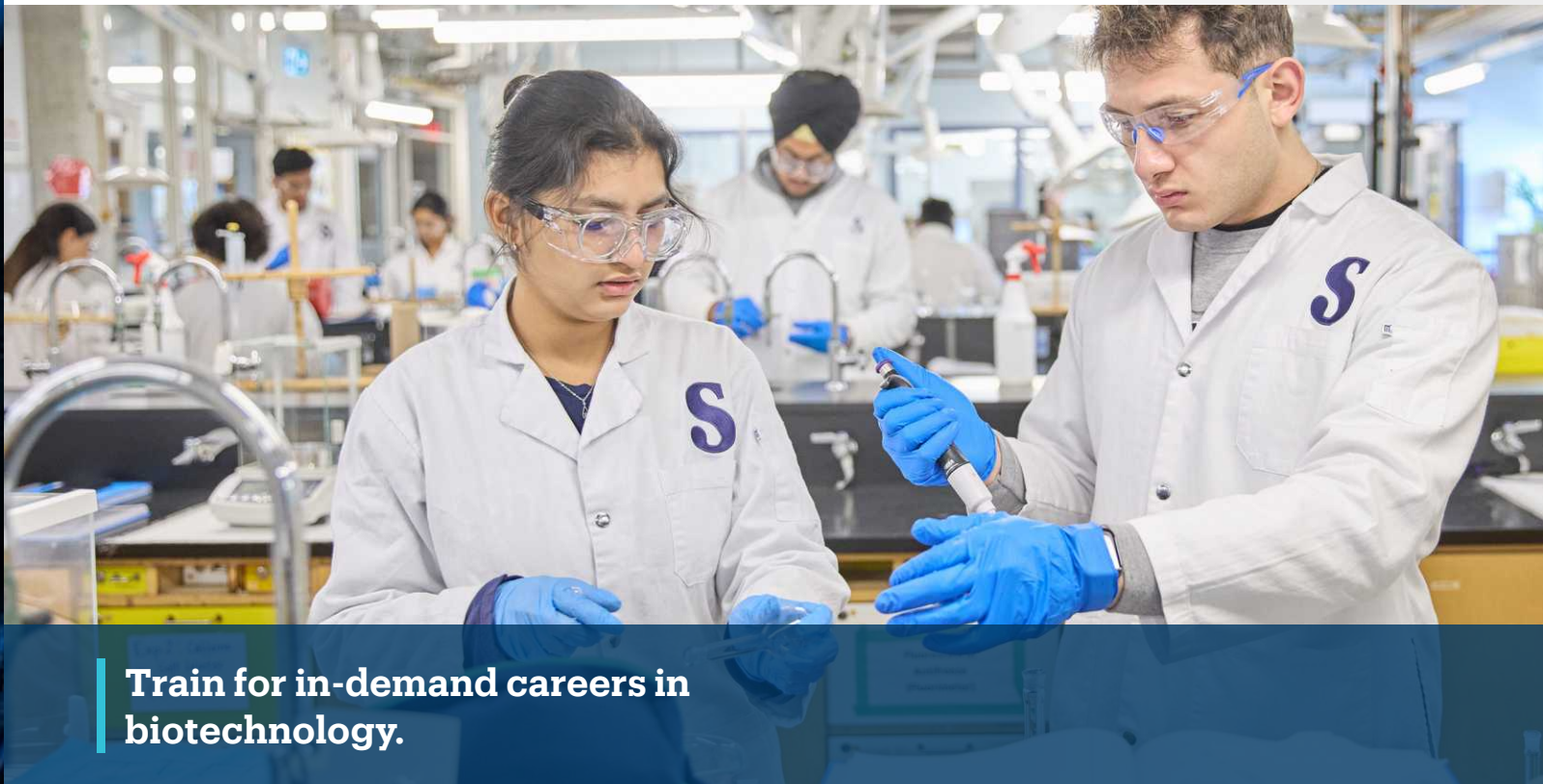
Sheridan

S

Biotechnology



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Train for in-demand careers in biotechnology.

Build foundations and gain hands-on skills in biotechnology

Develop strong foundations in chemistry, microbiology and molecular biology while gaining extensive laboratory experience. You'll perform experiments, prepare biological samples and analyze results using techniques used in biotechnology labs and production environments.

Train with industry-standard biotechnology tools and technologies

Work with modern biotechnology equipment and analytical instruments used to study biomolecules and biological systems. Through lab-based courses, you'll gain experience with tools and technologies used in a variety of biotechnology industries.

Learn how biotechnology supports real-world solutions

Explore how biotechnology contributes to healthcare, agriculture, environmental sustainability and industrial innovation. Through applied learning and collaborative projects, you'll see how biotechnology solutions address real challenges across multiple industries.

Career opportunities

When you graduate from this program, you'll be prepared for technician roles in biotechnology laboratories, production facilities and quality control environments. Many opportunities exist in manufacturing, production and quality assurance across Ontario's expanding biotechnology sector.

You might find roles such as:

- Biotechnology Laboratory Technician
- Biomanufacturing Technician
- Quality Control Technician
- Biotechnology Production Technician
- Environmental Biotechnology Technician
- Food and Agricultural Biotechnology Technician
- Process Control Technician (Manufacturing)
- Biotech Compliance/Quality Assurance Technician

Courses

Some of the courses you can expect to take in your program

- Biomanufacturing
- Quality Assurance and Operational Efficiency
- Molecular Biology Techniques
- Food and Agricultural Biotechnology
- Biotech for the Environment: Clean Water, Air and Soil
- Biotech Solutions for Real-World Challenges: A Project Course

Admission requirements

Program eligibility

Ontario Secondary School Diploma or equivalent, including these required courses:

- English, Grade 12 (ENG4C or ENG4U)
- One Math, Grade 11 Mathematics (M or U) or Grade 12 Mathematics (C or U), or equivalent (minimum grade required)

Recommended: Two science courses from Grade 11 and/or Grade 12 Chemistry, Biology, Physics and/or General Science.

OR

Mature student status

If you're at least 19 years old and missing any of the requirements above, you can meet these requirements by applying as a mature student. Mature students may be required to complete tests in English, math and/or science or take a FREE preparatory course through Sheridan's Academic Upgrading program.

Pre-admission testing and upgrading: Applicants who do not meet the admission requirements will be invited to complete pre-admission tests in mathematics and/or English.

Applicants lacking the mathematics admission requirement for this program may wish to upgrade their mathematics through Sheridan's FREE Academic Upgrading program prior to application.

Applicant selection

Eligible applicants are selected on the assessment of their previous academic achievement (the average of their six highest senior-level credits, including required courses).

Applicants who do not meet the admission requirements for this program may be advised individually regarding other related programs.

English language proficiency

All applicants whose first language is not English must meet Sheridan's English proficiency requirements.

Refer to the website for full admission requirements.

How to apply:

5 easy steps

- 1 Find your program
- 2 Check the admission requirements
- 3 Apply online
- 4 Submit your documentation
- 5 Accept your offer

Ready to get started?

sheridancollege.ca/apply



International students

Find out more about...

- Post-graduation work permit (PGWP) eligibility
- Admission requirements
- English language proficiency requirements
- Fees and financial aid
- Provincial Attestation Letters (PALs)

sheridancollege.ca/international